

# FMND 7600 CLEAR PVC

Anti-Static Poly Vinyl Chloride (PVC) - FM4910 Fire Retardant Plastic



## PRODUCT CAPABILITIES:

- Sheet : 1m x 2m
- Thickness 3mm, 5mm

## ADVANTAGES:

- Excellent Light Transmission
- Chemical Resistance
- Anti-Static
- Factory Mutual Standard (FM4910) For Flame Spread, Smoke Development And Corrosion Resistance (FM4910 Listing JI#3006348).

## PRODUCT COLORS:

- Clear

## APPLICATIONS INCLUDE:

- Fluid Handling
- Semiconductor Equipment
- Fire Safety Components
- Clear Windows And Doors
- Clean Room And Semiconductor Related Factories Where Clean Environment Is Required
- Equipment / Machine Covers

GENERAL PROPERTIES	Test Method or UL Test	FMND 7600 CLEAR PVC Typical Values
<b>PHYSICAL</b>		
Specific Gravity (g/cm <sup>3</sup> )	JIS K 7112	1.44
<b>MECHANICAL</b>		
Tensile Strength at Yield (MPa)	JIS K 7162	68
Tensile Elongation at Break (%)	JIS K 7162	17
Impact Charpy Strength (KJ/m <sup>2</sup> )	JIS K 7111	2.7
Flexural Strength (MPa)	JIS K 7160	91
Flexural Modulus (MPa)	JIS K 7171	2950
<b>THERMAL</b>		
Coeff. of Thermal Expansion (x 10 <sup>-5</sup> K <sup>-1</sup> )	JIS K 7197	7.4
Heat Distortion Temperature at 1.80MPa (°C)	JIS K 7191	87
Vicat Softening Point (Method B)	JIS K 7206	97
Longitudinal Heat Shrinkage at 130° for 30min (%)	JIS K 7133	-3.3
Latitudinal Heat Shrinkage at 130° for 30min (%)	JIS K 7133	-0.6
<b>ELECTRICAL</b>		
Surface Resistivity (ohms/sq)	JIS K 6911	10 <sup>6</sup> - 10 <sup>8</sup>
Volume Resistivity (ohms.m)	JIS K 6911	10 <sup>17</sup> <
Total Light Transmittance (%)	JIS K 7361-1	51

NOTE: The information contained here in is typical values intended for reference only. They should NOT be used as a basis for design specifications or quality control.